AMENDMENTS TO THE CLAIMS

Claims 1-15 (canceled)

Claim 16 (original): A packet transmitting apparatus for transmitting packets to receiving nodes located on a network, the packet containing at least one data block composed of at least one event sequence data and a timestamp added per a predetermined number of data blocks, the packet transmitting apparatus comprising:

a packetizing section that arranges the event sequence data into data blocks and adds thereto a timestamp so as to sequentially produce packets;

a transmitting section that sequentially transmits the packets; and

an error processing section that operates when an error is detected during production of the packets for stopping transmission of a regular packet containing event sequence data and for generating and transmitting a special packet containing a message indicative of occurrence of the error.

Claim 17 (original): The packet transmitting apparatus according to claim 16, wherein the error processing section includes a computation section that computes an input timing period of the data block based on a time of the timestamp, so that the error processing section operates when the computed input timing period deviates from a predetermined time period over an allowable range for detecting the error.

Claims 18-32 (canceled)

Claim 33 (original): A method of transmitting packets to receiving nodes located on a network, the packet containing at least one data block composed of at least one event sequence data and a timestamp added per a predetermined number of data blocks, the method comprising the steps of:

arranging the event sequence data into data blocks and adding thereto a timestamp so as to sequentially produce packets;

sequentially transmitting the packets; and

detecting an error during production of the packets for stopping transmission of a regular packet containing event sequence data and for generating and transmitting a special packet containing a message indicative of occurrence of the error.

Claims 34-45 (canceled)

Claim 46 (original): A medium for use in a packet transmitting machine for transmitting packets to receiving nodes located on a network, the packet containing at least one data block composed of at least one event sequence data and a timestamp added per a predetermined number of data blocks, wherein the medium contains program instructions executable by the CPU for causing the packet transmitting machine to perform a process comprising the steps of:

arranging the event sequence data into data blocks and adding thereto a timestamp so as to sequentially produce packets;

sequentially transmitting the packets; and

detecting an error during production of the packets for stopping transmission of a regular packet containing event sequence data and for generating and transmitting a special packet containing a message indicative of occurrence of the error.

Claims 47-52 (canceled)